

STATE  
of ALASKA

## MEMORANDUM

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SPORT FISH DIVISION  
H. J. JONESTO: Dale Young  
Regional Fish Culterist  
Division of F.R.E.D.

DATE: September 9, 1977

FILE NO: 363.01

TELEPHONE NO:

FROM: Don Stewart *DS*  
Regional Supervisor  
Division of Sport Fish

SUBJECT:

Crystal Lake Brood  
Stock Production of 1977

As requested in Moberly's memo of August 27, I have compiled our region's request for hatchery space in 1977-78 as follows:

1976 Brood Mendenhall Coho

We will require 50,000 coho at 10-30/lb. delivered to Mendenhall Ponds for imprinting and release in May of 1978.

1977 Brood Mendenhall Coho

1. We will require 50,000 coho at 10-30/lb. delivered to Mendenhall Ponds for imprinting and release in May of 1979.
2. We will require 20,000 coho at 400-500/lb. delivered to Mendenhall Ponds in May of 1978 to be planted in Moose and Dredge lakes for natural production.

1977 Yehring Creek Brood Coho

We plan to take approximately 100,000 eggs this fall which will require incubation at Crystal Lake. Fry resulting from this egg take will require rearing to the smolt stage up to May of 1979. We would like these delivered to Mendenhall for imprinting and release.

1977 Carson Brood Kings

At present we have about 230 king salmon at Mendenhall; we anticipate between 300-400 thousand eggs from this lot of fish. These will be shipped to Crystal Lake for incubation. *(need release plan)*

1977 Falls Creek Steelhead

Crystal Lake has approximately 11,000 steelhead on hand from Falls Creek 1977 brood. We would like these reared until the spring of 1978 (May) at 10/lb. and released from Crystal Lake to Blind Slough.

Dale - in addition to the above request our plans call for taking 500,000 steelhead eggs in the spring of 1978 from Blind Slough and Petersburg Creek. If we are successful in this attempt we would require rearing of the resultant fish to May 1979 or 10/1b. to be released as follows:

- 25,000 - Montana Creek
- 20,000 - Fish Creek
- 5,000 - Falls Creek
- 50,000 - Blind Slough

However, the above plans are tentative and I will want to get back to you later on this one.

If you have additional questions or comments let me know.

cc: Andrews ✓  
Armstrong  
Bethers  
Marriott  
Jones  
Siedelman  
Moberly